COMBINED DECLARATION / POWER OF ATTORNEY

	TAMBED IT VENTOR,	THEREBI DECLARE II	HAT: This Declaration is of	i ille followill	g type:	
<u> </u>	☑ Original ☐ Continuation	☐ Supplemental	Continuation-In-Part National Stage of PC		☐ Divisional	
inventor (if	only one name is listed	below) or an original, first	below next to my name: I and joint inventor (if plure invention entitled, "A SE he specification of which:	l names are l	isted below) of th	e subject
	was described and claimed	applicable). in PCT International Applicat			d under PCT Article	
mamended by	v anv amendment refer	red to above. I acknowl	ents of the above-identified ledge the duty to disclose de of Federal Regulations,	information	n, including the c which is materi	laims, as al to the
inventor's co	ertificate or of any PCT	efits under Title 35, United International application(so identified below any for	d States Code, Sec. 119 of s) designating at least one	country other	than the United	States or
Internationa	d application(s) designate	ting at least one country of	other than the United State	s of America med.	filed by me on	the same
Internationa	d application(s) designate	ting at least one country of	other than the United State	s of America med.	filed by me on	the same
Internationa	d application(s) designate	ting at least one country of	other than the United State	s of America med.	filed by me on	the same
Internationa	d application(s) designate	ting at least one country of	other than the United State	s of America med.	filed by me on	Claimed
Internationa	d application(s) designate	ting at least one country of	other than the United State	s of America med.	filed by me on	Claimed
I hereby cla	a application(s) designater having a filing date by (Country) im the benefit under Titl (Serial No.) aim the benefit under T. ch of the claims of this show of Title 3 USC 11/2	ing at least one country of fore that of the application (Application No.) e 35, USC 119(e) of the United States (1900) in the United States	ther than the United State ((s) of which priority is clai (Day/Month/Year/ nited States provisional app	s of America med. Filed) lication(s) list listed below, pplication in tition as define	Priority (Yes) ed below: and insofar as the manner provide din Title 37 CF	Claimed (No) The subject led by the R 1.56(a)
I hereby cla	a application(s) designater having a filing date by (Country) im the benefit under Titl (Serial No.) aim the benefit under T. ch of the claims of this show of Title 3 USC 11/2	ing at least one country of fore that of the application (Application No.) e 35, USC 119(e) of the United States (1900) in the United States	ther than the United State ((s) of which priority is clai (Day/Month/Year/ nited States provisional app (Filing Date) nited States application(s) in the prior United States a to disclose material informs	s of America med. Filed) lication(s) list listed below, pplication in tition as define	Priority (Yes) ed below: and insofar as the manner provide din Title 37 CF	Claimed (No) the subject ted by the R 1.56(a) plication:

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith: Russell B. Miller, Reg. No. 3,1,122, Gregory D. Ogrond, Ep. No. 30,880, Bruce W. Greenhaus, Reg. No. 37,39, Charles D. Brown, Reg. No. 2,28,55, Thomas R. Rouse, Reg. No. 40,793, Kent D. Baker, Reg. No. 38,822, Thomas M. Thibault, Reg. No. 42,181, Christopher O. Edwards, Reg. No. 5,6,127, Pavel Kalousek, Reg. No. 44,178, Kyong H. Macek, Reg. No. 42,977, Byron Yafuso, Reg. No. 45,244, Sean English, Reg. No. 57,219, Reg. No. 37,219, Sandip S. Minhas, Reg. No. 44,945, Michael D. Hartogs, Reg. No. 36,547, Philip R. Woadsworth, Reg. No. 29,219, S. Hossain Beladi, Reg. No. 42,311, Albert J. Harriois, Reg. No. 45,253, Sandra L. Godsey, Reg. No. 42,589, George C. Pappas, Reg. No. 35,065, Maryanne E. DeAngelo, Reg. No. 47,288, Abdollah Katbab, Reg. No. 45,253, Robert J. O'Connell, Reg. No. 44,265, Marc Hooks, Reg. No. P. 48857 and Howard Seo, Reg. No. 43,106. Please direct all telephone calls to Philip R. Wadsworth at (858) 651-44404 and address all correspondence to: Sarah Kirkpatrick, Manager, Intellectual Property Administration, QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, California 92121-1714 (PTO Customer No. 236990).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Joint Inventor	Inventor Signature //	Date
DOUGLAS M. CROCKETT	Van Montes	02/13/2002
Residence		Citizenship
San Diego, CA		
Post Office Address 4576 - 44th Street, San Diego, CA 92115	,	
Full Name of Second or Joint Inventor ERIC C. ROSEN	Inventor Signature	Date 14 Feb 2012
Residence		Citizenship
Solana Beach, CA		US
Post Office Address		
611 Calle Paula, Solana Beach, CA 92075		
Full Name of Third or Joint Inventor	Inventor Signature / /.	Date / /
MARK MAGGENTI	Much light	02/13/2002
Residence	0	Citizenship
Del Mar, CA		US
Post Office Address		
2480 Cordero Road, Del Mar, CA 92014		